


SAFETY DATA SHEET

Shed & Fence Treat (Grey)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier		
Product Name	Shed & Fence Treat (Grey)	
Product code	LFTGR/501 (5Ltrs); LFTGR/601 (25Ltrs)	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified Use(s)	External wood treatment	
Uses Advised Against	Anything other than the above.	
1.3 Details of the supplier of the safety data sheet		
Company Identification	Cromar Building Products Limited Units 1,3,4,5 Northside Industrial Park, Selby Road Whitley Bridge North Yorkshire DN14 0GH United Kingdom 01977 663133 sales@cromar.uk.com	
Telephone	01977 663133	
E-Mail (competent person)	sales@cromar.uk.com	
1.4 Emergency telephone number		
Emergency Phone No.	01977 663133	Office hours (08:30 - 17:00)
Languages spoken	English	

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture		
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Skin Sens. 1A; H317	
2.2 Label elements		
Product Name	Shed & Fence Treat (Grey)	
Contains:	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	
Hazard Pictogram(s)		
Signal Word(s)	Warning	
Hazard Statement(s)	H317: May cause an allergic skin reaction.	
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P501: Dispose of contents/container to hazardous waste collection point.	
Supplemental information	EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	

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2.3 Other hazards

None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
Titanium Dioxide [^]	<10	13463-67-7	236-675-5	Not yet assigned in the supply chain	Carc. 2; H351
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	<0.1	55965-84-9	911-418-6 / 611-341-5	Not yet assigned in the supply chain	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071
Monoethanolamine*	<0.5	141-43-5	205-483-3	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Acute Tox. 4; H332 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Chronic 3; H412
Butyl acrylate*	<0.1	141-32-2	205-480-7	Not yet assigned in the supply chain	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Acute Tox. 4; H332 STOT SE 3; H335 Aquatic Chronic 3; H412

Chemical identity of the substance	CAS No.	EC No.	SCL and/or M-factor
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	911-418-6 / 611-341-5	Eye Dam. 1: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Corr. 1C: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Skin Sens. 1A: C ≥ 0.0015 % M-factor: 100
Monoethanolamine	141-43-5	205-483-3	STOT SE 3; H335: C ≥ 5 %

For full text of H/P Statements see section 16.

*Substance with a community workplace exposure limit

[^] The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter = 10 µm.

SECTION 4: FIRST AID MEASURES



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4.1 Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

Rinse mouth. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

As appropriate for surrounding fire.

Unsuitable extinguishing Media

Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Not flammable. Combustion may cause toxic fumes. (Carbon monoxide, Carbon dioxide).

5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Avoid run off to waterways and sewers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Eliminate sources of ignition. Shut off leaks if without risk. Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid breathing vapours.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Provided it is safe to do so, isolate the source of the leak. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water.

6.4 Reference to other sections

See Section: 8,13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid inhalation of high concentrations of vapours. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

Storage temperature

Keep cool. Protect from sunlight.

Incompatible materials

Keep away from: Strong oxidising agents. Strong acids and alkali.

7.3 Specific end use(s)

See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

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SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Titanium Dioxide	13463-67-7	-	10	-	-	WEL, Inhalable Dust
		-	4	-	-	WEL, Respirable Dust.
Monoethanolamine	141-43-5	1	2.5	3	7.6	IOELV, WEL, Sk
Butyl acrylate	141-32-2	2	11	10	53	IOELV
		1	5	5	26	WEL
Kaolin	1332-58-7	-	2	-	-	WEL

Source: WEL: Workplace Exposure Limit (UK HSE EH40), IOELV: Indicative Occupational Exposure Limit Value
Sk - Can be absorbed through skin.

- 8.1.2 Biological limit value** Not established
- 8.1.3 PNECs and DNELs** Not established
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
- 8.2.2 Individual protection measures, such as personal protective equipment (PPE)** Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/face protection



Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable

- 8.2.3 Environmental Exposure Controls** Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Appearance	Grey Liquid
Odour	Faint sweet
Odour Threshold	Not established
pH	10 - 11
Melting Point/Freezing Point	0°C

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Initial boiling point and boiling range	100°C
Flash point	Not established
Evaporation Rate	Not established
Flammability (solid, gas)	Not relevant - liquid mixture
Upper/lower flammability or explosive limits	Not established
Vapour pressure	Not established
Vapour density	Not established
Relative density	106
Solubility(ies)	Soluble in water. (Cold)
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition Temperature	Not established
Viscosity	23.4Cp
Explosive properties	Not explosive
Oxidising properties	Not oxidising.

9.2 Other information None Known

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None anticipated.
10.4 Conditions to avoid	Heat and direct sunlight.
10.5 Incompatible materials	Keep away from: Strong oxidising agents. Strong acids and alkali.
10.6 Hazardous decomposition product(s)	None anticipated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 > 2000 mg/kg bw/day
Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 > 2000 mg/kg bw/day
Acute toxicity - Skin Contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 > 20.0 mg/l
Skin corrosion/irritation	Mixture: Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Mixture: Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Mixture: Skin Sens. 1A; H317: May cause an allergic skin reaction.
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Harmonised Classification Sensitisation (mouse) - Positive (in vivo LLNA) (Unnamed publication, 2000)
Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
STOT - single exposure	Mixture: Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Mixture: Based upon the available data, the classification criteria are not met.
Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2 Other information	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture: Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): >100 mg/l.
12.2 Persistence and degradability	No data for the mixture as a whole. Titanium Dioxide Degradation/biodegradation testing is not relevant for metals and metal compounds that are not (bio)degradable, including titanium dioxide nano forms

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	Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2Hisothiazol- 3-one (3:1)	CMIT is classified as being readily biodegradable, failing the 10 -day window and MIT is classified as being not readily biodegradable according to the criteria of the test, although significant biodegradation occurred.
	Monoethanolamine	Readily biodegradable. Degradation in water (21 days): > 90% (OECD 301 A)
	Butyl acrylate	Readily biodegradable (according to OECD criteria). No data for the mixture as a whole.
12.3	Bioaccumulative potential	
	Titanium Dioxide	Bioaccumulation will not occur
	Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2Hisothiazol- 3-one (3:1)	The substance has low potential for bioaccumulation. Bioconcentration factor (BCF): ≤ 54
	Monoethanolamine	Low bioaccumulation potential. BCF: 9.2 L/kg (Unnamed publication, 2019)
	Butyl acrylate	No indication of bioaccumulation potential. log Pow of 2.38 (25 °C) BCF 17.3
12.4	Mobility in soil	No data for the mixture as a whole.
	Titanium Dioxide	The substance has low mobility in soil.
	Reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2Hisothiazol- 3-one (3:1)	The substance is predicted to have high mobility in soil. Very soluble
	Monoethanolamine	The substance is predicted to have moderate mobility in soil. Log Koc: ≥ 2.3 - ≤ 2.7(Sorensen et al. 1997)
	Butyl acrylate	The substance is predicted to have high mobility in soil. Very soluble Log Koc: 1.6
12.5	Results of PBT and VPVB assessment	Not classified as PBT or vPvB. None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.
12.6	Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Disposal should be in accordance with local, state or national legislation.
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SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1	UN number	Not classified	Not classified
14.2	UN proper shipping name	Not classified	Not classified
14.3	Transport hazard class(es)	Not classified	Not classified
14.4	Packing group	Not classified	Not classified
14.5	Environmental hazards	Not classified	Not classified as a Marine Pollutant.
14.6	Special precautions for user	See Section: 2	
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	not applicable	

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations Authorisations and/or Restrictions On Use	None of the substances is included on the Candidate List of Substances of Very High Concern for authorisation (Annex XIV) under REACH Regulation (EC) No. 1907/2006.
15.1.2	National regulations Wassergefährdungsklasse (Germany)	Water hazard class: non-hazardous to water (nwg) (Self classification)
15.2	Chemical Safety Assessment	A chemical safety assessment is not required under REACH.

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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: not applicable – V1.0

References:

Harmonised Classification and Existing ECHA registration(s) for Titanium Dioxide (CAS No. 13463-67-7); Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS No. 55965-84-9); Ethyl acetate (CAS No. 141-78-6); Monoethanolamine (CAS No. 141-43-5); Butyl acrylate (CAS No. 141-32-2)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Skin Sens 1A; H317	Threshold Calculation

LEGEND

LTEL: Long Term Exposure Limit

DNEL: Derived No Effect Level

PBT: PBT: Persistent, Bioaccumulative and Toxic

M-factor: Multiplying factor

STEL: Short Term Exposure Limit

PNEC: Predicted No Effect Concentration

vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Flam. Liq. 3; Flammable liquid, Category 3

Acute Tox. 3; Acute toxicity, Category 3

Acute Tox. 4; Acute Toxicity, Category 4

Acute Tox. 2; Acute toxicity, Category 2

Acute Tox. 4; Acute Toxicity, Category 4

Skin Corr. 1B; Skin corrosion/irritation, Category 1B

Skin Corr. 1C; Skin corrosion/irritation, Category 1C

Skin Irrit. 2; Skin corrosion/irritation, Category 2

Skin Sens. 1A; Skin Sensitisation, Category 1A

Skin Sens. 1B; Skin Sensitisation, Category 1B

Eye Dam. 1; Eye damage, category 1

Eye Irrit. 2; Eye Irritation, Category 2

Acute Tox. 2; Acute toxicity, Category 2

Acute Tox. 4; Acute Toxicity, Category 4

STOT SE 3; Specific target organ toxicity — single exposure, Category 3

Carc. 2; Carcinogenicity, Category 2

Aquatic Acute 1; Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H310: Fatal in contact with skin.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

EUH071: Corrosive to the respiratory tract.

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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